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I hereby certify that this correspondence is being transmitted herewith via the USPTO's Electronic Filing System (EFS-Web) on the date indicated below and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Submission: December 19, 2008

Brandie Silva

Attorney Docket No. 14300.1025 PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Dawn COVERLEY

Group Art Unit: Not assigned

Application No. :

10/537,228

I.A. filing date

December 5, 2003

For

REPLICATION PROTEIN

SECOND PRELIMINARY AMENDMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Applicant requests that the subject application be amended as follows.

Amendments to the Specification are shown in the substitute specification (clean and marked-up copies) submitted herewith.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Amendments to the Sequence Listing are shown in the substitute sequence listing submitted herewith.

Remarks begin on page 8 of this paper.